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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/599,359

05/29/2007

Paul C. Burke

4240-079

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62549

7590

09/09/2010

IP Advisors

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EXAMINER

LE, MARK T

ART UNIT

PAPER NUMBER

3617

MAIL DATE

DELIVERY MODE

09/09/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/599,359	Applicant(s) BURKE ET AL.	
	Examiner MARK T. LE	Art Unit 3617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 3/29/10.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3 and 5-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3, 5-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is responsive to the amendments and RCE filed on March 29, 2010. Applicant's amendments and remarks have been carefully considered.

2. The abstract of the disclosure is objected to because phrases or words that can be implied, such as "... are disclosed" (line 1 of the abstract), should be avoided.

Correction is required. See MPEP § 608.01(b).

3. Claim 1, 3 and 5-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee (US 2003/0042097).

Lee discloses a cable system having features similar to that recited in the instant claims, including a row of seats 10, cable 18, first and second connectors 34, 42, and cable storage unit 14 comprising housing 26 and reel 22. It is noted that Lee does not show a second row of seats; however, it is common that a vehicle, such as a passenger aircraft, has many rows of seats, i.e. one close behind the other (Official Notice is taken). Therefore, it would have been obvious to one skilled in the art to provide additional row(s) of passenger seats on the vehicle of Lee in a well known manner so as to allow more passengers to be transported on the vehicle.

Regarding the instant claimed intended uses as recited in the instant claims, e.g. "wherein the multi-conductor cable is configured to convey electrical signals between at least the first row of seats and the second row of seats", and "a housing configured to be mounted underneath at least one of the passenger seats" (see the amended claim 1), note that since the cable of Lee and the cable housing of Lee are capable of the instant claimed intended uses, the instant claimed intended use limitations are

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considered met. For example, the cable housing 26 of Lee has a configuration such that it is capable of being mounted underneath of a passenger seat, and on the other hand, a passenger seating in a second row of seats behind the first row of seats 10 of Lee can reach out to pull and use end 34 of the cable of Lee for receiving electrical signals.

Regarding the instant claimed types of connectors, or types of cables, as recited in instant claims 5 and 6, note that DIN or RCA connectors and Ethernet conductors, or braided film coated wires which is known as Litz wires, are well known types of connectors and cables for use with well known electronic devices and/or computers (Official Notice is taken). Accordingly, it would have been obvious to one skilled in the art to substitute well known types of connectors and/or cable, such as the well known DIN or RCA connectors, or Ethernet conductors for the connectors and/or cable of Lee's structure so that the cable reel assembly of Lee may be used with other commercially available electronic devices and/or computers that would require such well known types of connectors and/or cable.

4. The above ground of rejection is considered to include responses, either directly or indirectly, to Applicant's arguments.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARK T. LE whose telephone number is (571)272-6682. The examiner can normally be reached on Mon-Fri, between 8:15-4:45 (Teleworking).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Samuel Morano can be reached on 571-272-6684. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mark Tuan Le
Primary Examiner
Art Unit 3617

/Mark Tuan Le/
Primary Examiner, Art Unit 3617